

Interim update from MSE Analyst team for MSEWG

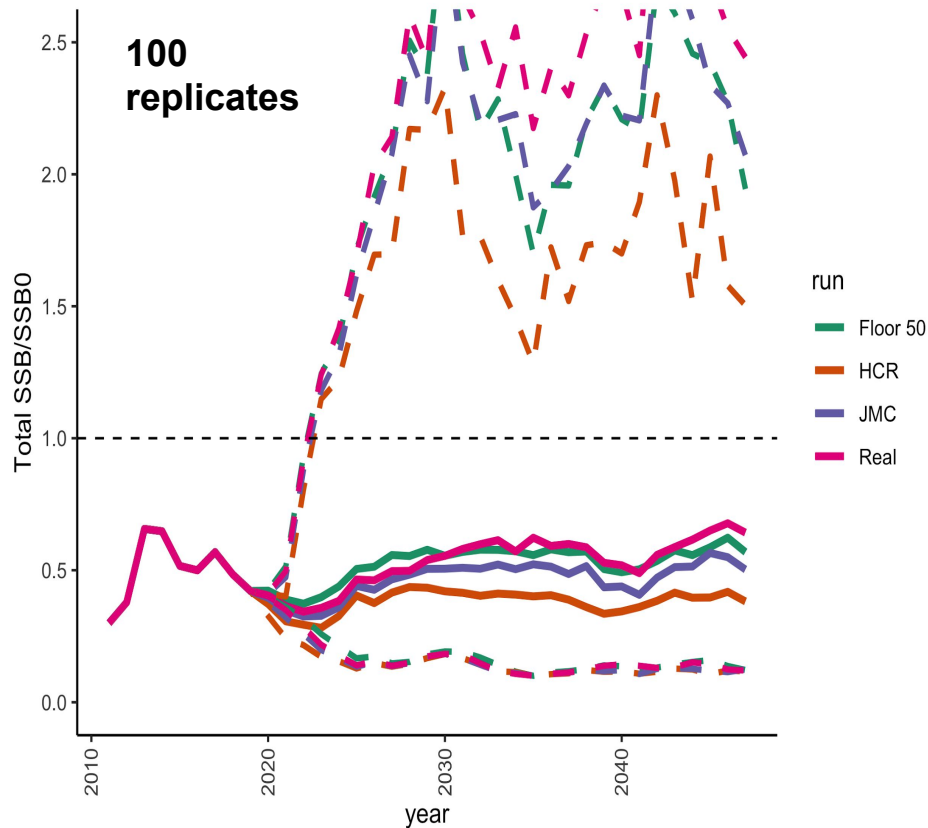
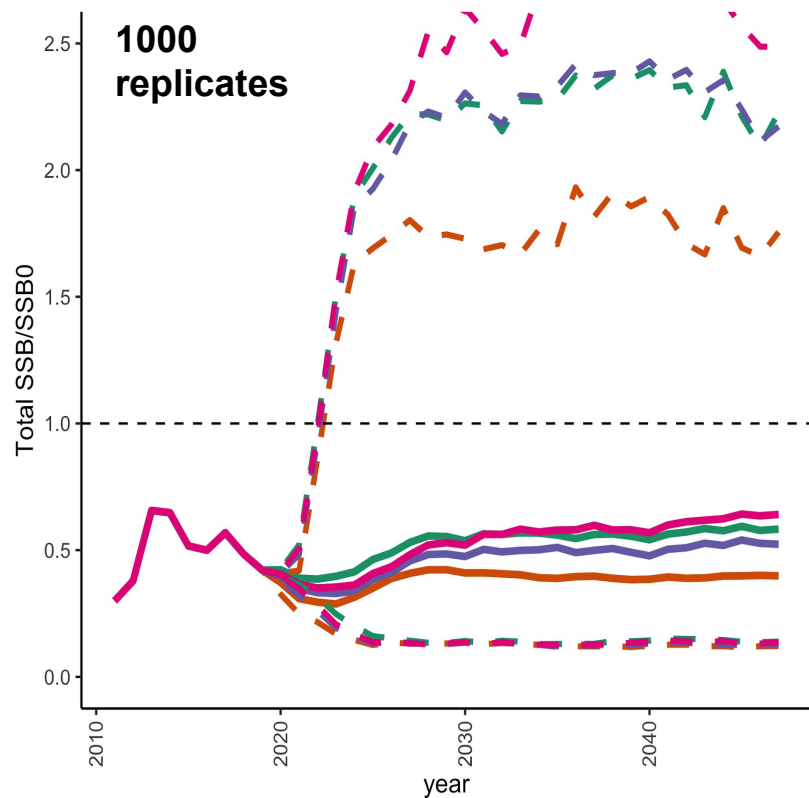
October 18, 2019

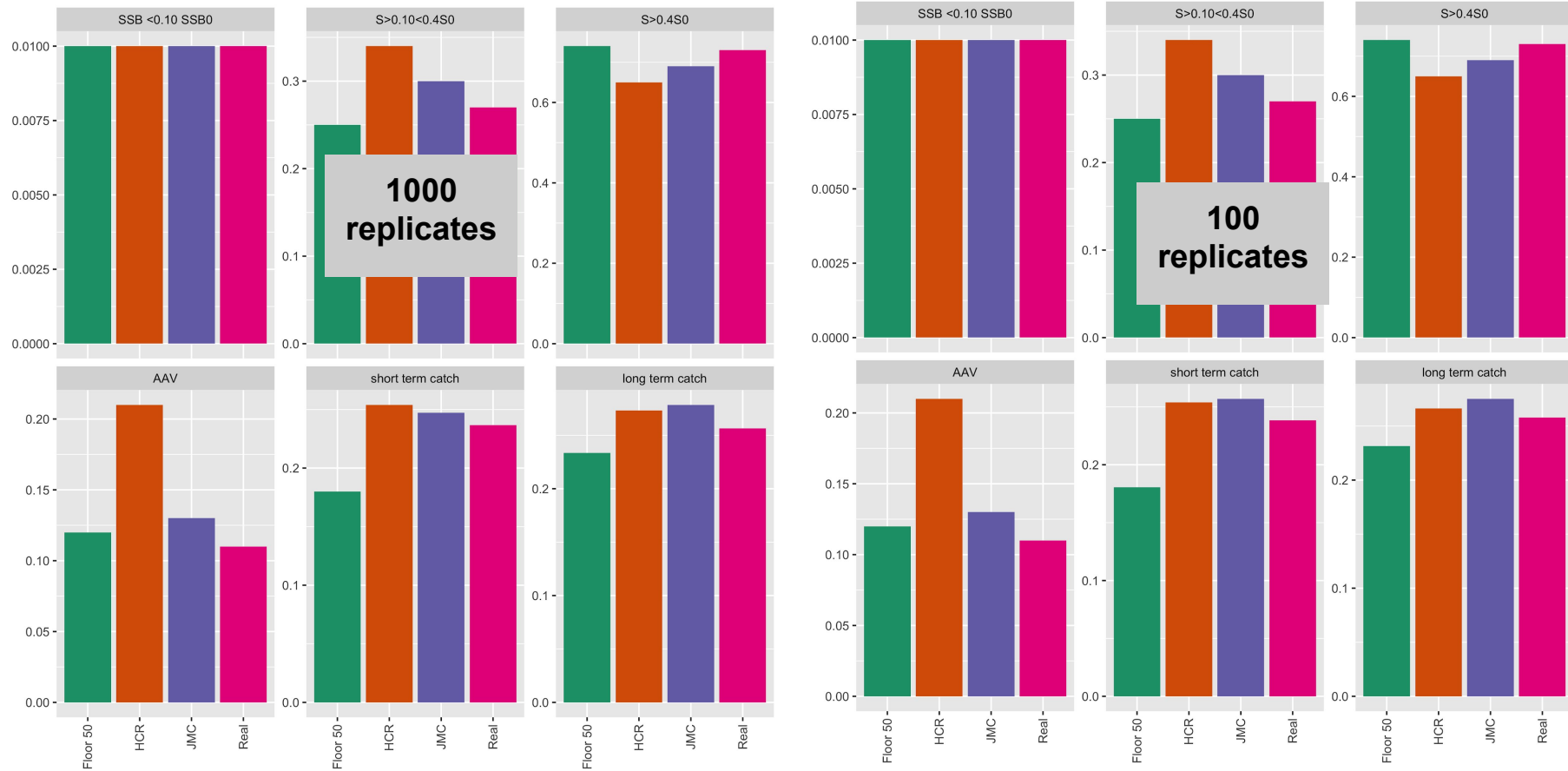
1. Update on activities
2. 1000 iteration simulations
3. Potential new spatial performance metric

Update on progress and activities

1000 iteration simulations

As expected, increasing from 100 to 1000 replicates smooths median and quantiles

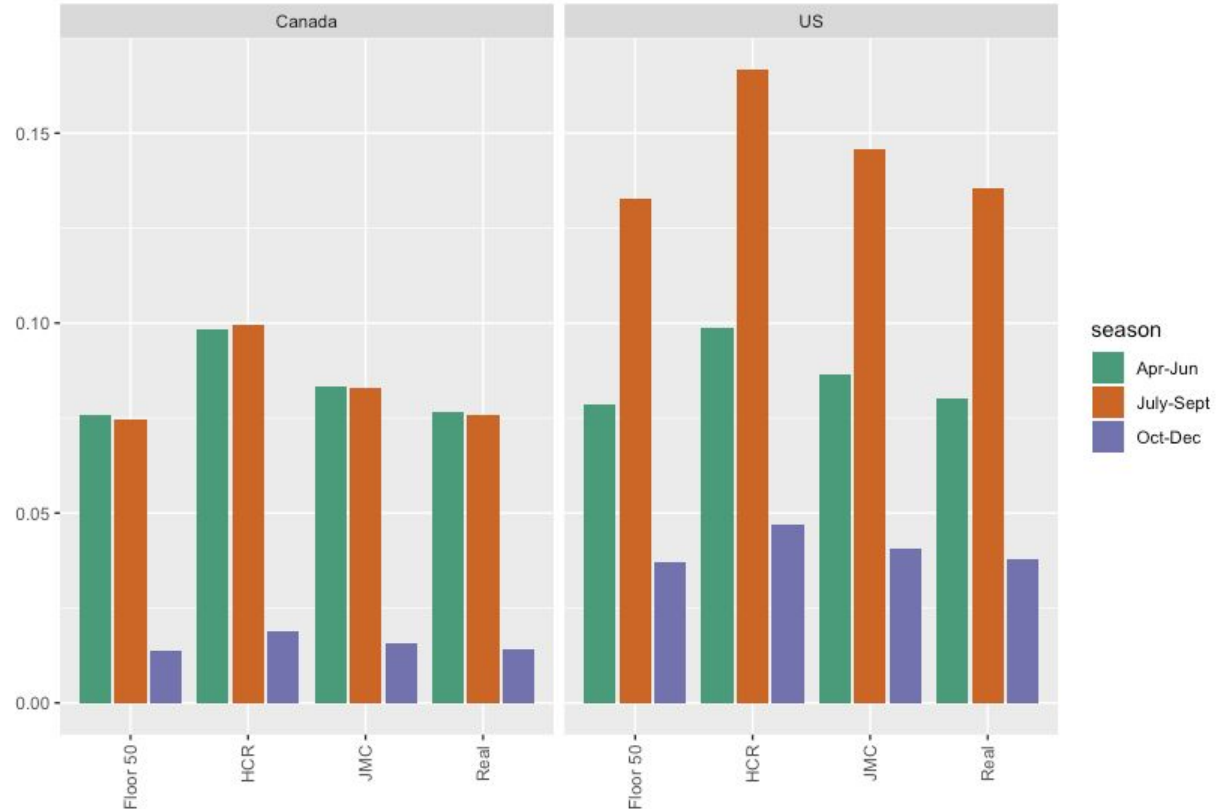




Potential new spatial performance metric

Attaining the intended benefits under the treaty: What would the exploitation rate need to be in each country to catch the TAC?

*A metric to consider:
median average
exploitation fraction*



As the assumed max movement rate increases (Move 1 to Move 3), the exploitation fraction that would be required to catch the TAC shifts in each country

Assumes the JMC-like catch scenario

